



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

2003JP307

SERIAL NO.

10/550,110

Masano NISHIKAWA et al.

FILING

September 19, 2005

GROUP

1796

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	US 3,104,205	9/17/1963	Hainer et al.			
	US 3,666,473	5/30/1972	Colom et al.			
	US 4,812,551	3/14/1989	Oi et al.			
	US 4,823,345	4/18/1989	Daniel et al.			
	US 5,035,881	7/30/1991	Mori et al.			
	US 5,294,444	3/15/1994	Nakamura et al.			
	US 5,538,820	7/23/1996	Fisher			
	US 5,547,812	8/20/1996	Collins et al.			
	US 5,585,219	12/17/1996	Kaimoto et al.			
	US 5,820,491	10/13/1998	Hatch et al.			
	US 5,843,624	12/1/1998	Houlihan et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	EP 1 223 470 A1	7/17/2002	EUROPE				
	JP 1-221750 A	9/5/1989	JAPAN				
	JP 6-81173 A	3/22/1994	JAPAN			✓	
	JP 9-235318 A	9/9/1997	JAPAN			✓	
	JP 9-244262	9/19/1997	JAPAN			✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Complete set of specification papers for Serial No. 10/089,704 filed October 4, 2000 and cover page.
		English Language Abstract of JP 1-221750 A.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. 2003JP307	SERIAL NO. 10/550,110
	Masano NISHIKAWA et al.	
	FILING September 19, 2005	GROUP 1796

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	US 5,863,707	1/26/1999	Liu			
	US 6,080,707	6/27/2000	Glenn et al.			
	US 6,090,772	7/18/2000	Kaiser et al.			
	US 6,136,499	10/24/2000	Goodall et al.			
	US 6,147,249	11/14/2000	Watanabe et al.			
	US 6,180,244 B1	1/30/2001	Rayner et al.			
	US 6,274,286 B1	8/14/2001	Hatakeyama et al.			
	US 6,319,853 B1	11/20/2001	Ishibashi et al.			
	US 6,365,332 B1	4/2/2002	Price et al.			
	US 6,447,980 B1	9/10/2002	Rahman et al.			
	US 6,579,657 B1	6/17/2003	Ishibashi et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
JP 9-325502 A	12/16/1997	JAPAN			✓	
JP 10-120968 A	5/12/1998	JAPAN			✓	
JP 10-158328 A	6/16/1998	JAPAN			✓	
JP 11-283910 A	10/15/1999	JAPAN			✓	
JP 11-38642 A	2/12/1999	JAPAN			✓	

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			English Language Abstract of JP 6-81173 A.
			English Language Abstract of JP 9-235318 A.

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. 2003JP307	SERIAL NO. 10/550,110
	Masano NISHIKAWA et al.	
	FILING September 19, 2005	GROUP 1796

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	US 6727,034 B1	4/27/2004	Ogiso et al.			
	US 6,811,817 B2	11/2/2004	Sugeta et al.			
	US 6,818,258 B2	11/16/2004	Kaneko et al.			
	US 6,916,590 B2	7/12/2005	Kaneko et al.			
	US 7,141,177 B2	11/28/2006	Takana			
	US 7,226,726 B2	6/5/2007	Kanda			
	US 2001/0044070 A1	11/22/2001	Uetani et al.			
	US 2002/0192591 A1	12/19/2002	Komatsu et al.			
	US 2003/0008968 A1	1/9/2003	Sugeta et al.			
	US 2003/0091732 a1	5/15/2003	Kanda			
	US 2003/0102285 A1	6/5/2003	Nozaki et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	JP 61-173376 U	10/28/1986	JAPAN				
	JP 2001-228616 A	8/24/2001	JAPAN			✓	
	JP 2001-304841 A	10/31/2001	JAPAN			✓	
	JP 2002-23389 A	1/23/2002	JAPAN			✓	
	JP 2003-140363 A	5/14/2003	JAPAN			✓	

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			English Language Abstract of JP 9-244262 A.
			English Language Abstract of JP 9-325502 A.

EXAMINER	DATE CONSIDERED
-----------------	------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

2003JP307

SERIAL NO.

10/550,110

Masano NISHIKAWA et al.

FILING

September 19, 2005

GROUP

1796

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	US 2003/0129538 A1	7/10/2003	Sheu et al.			
	US 2004/0121259 A1	6/24/2004	Kozawa et al.			
	US 2006/0088788	4/27/2006	Kudo et al.			
	US 2006/0160015 A1	7/20/2006	Takano et al.			
	US 2006/018318 A1	8/17/2006	Takanashi et al.			
	US 2006/0211814 A1	9/21/2006	Nishikawa et al.			
	US 2007/0059644 A1	3/15/2007	Takahashi et al.			
	US 2008/0193880 A1	8/14/2008	Nishibe et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			English Language Abstract of JP 10-120968 A.
			English Language Abstract of JP 10-158328 A.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		Docket Number (Optional) 2003JP307		Application Number 50/550,110	
		Applicant(s) Masato NISHIKAWA et al.			
		Filing Date September 19, 2005		Group Art Unit	

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
	English Language Abstract of JP 11-283910 A.		
	English Language Abstract of JP 11-38642 A.		
	English Language Abstract of JP 61-173376 U.		
	English Language Abstract of JP 2001-228616 A.		
	English Language Abstract of JP 2001-304841 A.		
	English Language Abstract of JP 2002-23389 A.		
	English Language Abstract of JP 2003-140363 A.		
	Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration (Form PCT/ISA/220); International Report (Form PCT/ISA/210); and Written Opinion of the International Searching Authority (Form PCT/ISA/237) for PCT/IB2006/003347.		
	Copy of Substantive/Modified Substantive Examination and copy of Search Report (in English) for Malaysian patent application no. PI 20013263.		
	Copy of English Translation (and original language document) of Pre-Notification of Reasons for Possible Rejection of the Pending Patent Examination dated 3/19/2004; of Decision on Examination dated 5/20/2004; and of Pre-Notification of Reasons for Possible Rejection of the Pending Patent Re-Examination dated 11/3/2005 for Taiwanese patent application no. 90111701.		
	Official Action (in Chinese and English Translation thereof) from State Intellectual Property Office of P.R. China for Application No. 02817955.2.		
	Mori, CAPLUS AN1994:617650.		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">EXAMINER</td> <td style="width: 50%;">DATE CONSIDERED</td> </tr> </table>		EXAMINER	DATE CONSIDERED
EXAMINER	DATE CONSIDERED		

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

2003JP307

Application Number

50/550,110

Applicant(s)

Masato NISHIKAWA et al.

Filing Date

September 19, 2005

Group Art Unit

*EXAMINER

INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Skofronick et al. CAPLUS AN 1969:492865.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.